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# Office Memorandum • UNITED STATES GOVERNMENT

TO : The Files

DATE: 29 August 1958

FROM :

[Redacted]

25X1

SUBJECT: Trip Report - [Redacted] Noise Study

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1. On 20 August 1958 a visit was made to [Redacted] to monitor the progress of RD-128, Task Order 7, Study of Noise Modulated [Redacted] Present at discussions concerning this project were:

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[Redacted]

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2. [Redacted] said that [Redacted] was doing a total of/coherent detection studies at present, and summarized them for our information:

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[Redacted]

g) Our project bears the internal designation [Redacted]

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[Redacted] defined coherent detection as a technique which makes maximum use of the total energy in radar or communications signals.

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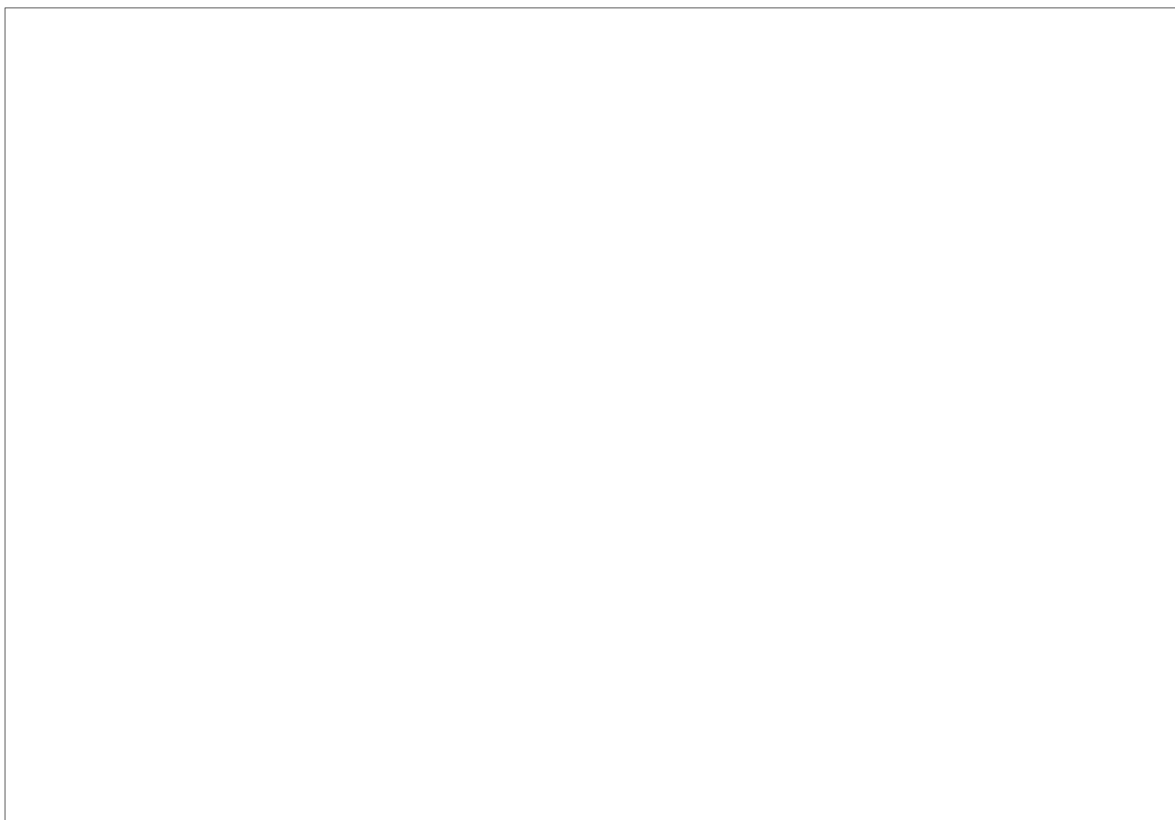
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(INC)

3. [ ] said that [ ] a physicist who is Assistant Director of [ ] had been named coordinator of our project (a clearance request for [ ] has been submitted to Security Staff, OL).

4. The first phase of our study has convinced [ ] that the principle of operation should be noise modulation rather than static simulation. Static crashes, according to [ ] have bandwidths of 10 mc or more and could not be duplicated by the equipment under consideration, which would have to furnish considerably more output power than a cw transmitter for the same performance, due to the extremely wide bandwidth.



Attachment:

[ ] Brochure